

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A method for reducing facsimile page errors due to packet loss in facsimile transmission over a packet network, comprising:

receiving facsimile image data packets from a packet network;

reassembling said received packets;

parsing said assembled packets into scan line data of said facsimile image;

evaluating said scan line data to detect the expected end of a scan line without packet loss;

playing out said scan line data to a local Facsimile Terminal Equipment (FTE), if said scan line data has no packet loss; and

discarding said scan line data if said scan line data has packet loss; and

shifting a first scan line without packet loss and including a detected end of said first scan line, that is received in said FTE after said discarding, to join a second scan line without packet loss and including a detected end of said second scan line, that is received in said FTE before said discarding, to form a facsimile image.

2. (previously presented) The method of Claim 1, further comprising:
replacing said discarded scan line data with zero fill data; and
playing out said zero fill data to said local FTE.
3. (previously presented) The method of Claim 1, further comprising:
replacing said discarded scan line data with scan line data defining a blank scan
line.
4. (currently amended) The method of Claim 1, further comprising:
replacing said discarded scan line data with a repetition of data corresponding to
the previous scan line.
5. (previously presented) The method of Claim 1, further comprising:
buffering said scan line data.
6. (previously presented) The method of Claim 2, further comprising:
continuing to provide zero fill data to said local FTE;
monitoring said scan line data for the start of the next detected scan line;
buffering said next detected scan line data;
evaluating said next detected scan line data to detect the expected end of a scan

line without packet loss;

playing out said next detected scan line data to the local FTE if said scan line data has no packet loss; and

continuing to provide zero fill data to said local FTE if said scan line data has packet loss.

7. (currently amended) A device for reducing facsimile page errors due to packet loss in facsimile transmission over a packet network, comprising:

a gateway for receiving facsimile image data packets from a packet network; and
a processor for reassembling said received packets, parsing said assembled packets into scan line data of said facsimile image, evaluating said scan line data to detect the expected end of a scan line without packet loss, playing out said scan line data to a local Facsimile Terminal Equipment (FTE), if said scan line data has no packet loss, and for discarding said scan line data if said scan line data has packet loss,

wherein said processor shifts a first scan line without packet loss and including a detected end of said first scan line, that is received in said FTE after discarding data packets, to join a second scan line without packet loss and including a detected end of said second scan line, that is received in said FTE before said discarding, to form a facsimile image.

8. (previously presented) The device of Claim 7, wherein said processor further replaces said discarded scan line data with zero fill data and plays out said zero fill data to said local FTE.

9. (previously presented) The device of Claim 7, wherein said processor further replaces said discarded scan line data with scan line data defining a blank scan line.

10. (currently amended) The device of Claim 7, wherein said processor further replaces said discarded scan line data with a repetition of data corresponding to the previous scan line.

11. (previously presented) The device of Claim 7, further comprising a buffer for buffering said scan line data.

12. (previously presented) The device of Claim 8, wherein:
said processor further continues to provide zero fill data to said local FTE while monitoring said scan line data for the start of the next detected scan line;
said buffer stores said next detected scan line data;
said processor evaluates said next detected scan line data to detect the

expected end of a scan line without packet loss, plays out said next detected scan line data to the local FTE if said scan line data has no packet loss, or continues to provide zero fill data to said local FTE if said scan line data has packet loss.

13. (canceled)

14. (canceled)

15. (previously presented) The method of Claim 1, further comprising:
replacing said discarded scan line data with a repetition of data corresponding to the previous scan line.

16. (canceled)